Yahoo Group Archive: Versatower

Yahoo Group summary: Versatower, & all crank-up & tilt-overs

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2018. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2011-03-08 through 2017-11-07

Source WARC: versatower.bTsn3x8.warc.gz

Source item: https://archive.org/details/yahoo-groups-2018-09-13T15-16-15Z-e85040

Messages included in this PDF: 85

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

1. Welcome to Versatower (crank up and tilt over) yahoo group.

Yahoo group: Versatower
Date: 2011-03-08 21:27:34 UTC
From: f5vhn
Topic: 1 Message: 1

Hello,

Welcome to Versatower (crank up and tilt over) yahoo group.

Best 73

Robert F5VHN

2. Re: Welcome to Versatower (crank up and tilt over) yahoo group.

Yahoo group: Versatower
Date: 2011-03-09 12:30:35 UTC
From: Roger
Topic: 1 Message: 2

HI Robert.

Looks like I might be the first to join!!!
Anyway, look forward to seeing the postings in due course. I have three crank-up towers here, plus three fixed towers.

73 de Roger, G3LDI

--- In Versatower@yahoogroups.com, "f5vhn" <f5vhn@...> wrote:
>
> Hello,
>
> Welcome to Versatower (crank up and tilt over) yahoo group.
>
> Best 73
>
> Robert F5VHN
>

3. Re: [Versatower] Re: Welcome to Versatower (crank up and tilt over) yahoo group.

Yahoo group: Versatower
Date: 2011-03-09 13:28:38 UTC
From: Ffive VHN
Topic: 1 Message: 3

```
Hi Roger,

Welcome !

>> I have three crank-up towers here, plus three fixed towers.

So you have a lot of experience.
What versions, makes  and heights do you have ? Do you guy them ?

 Best 73
Robert F5VHN (Op-F6KCP) G0HGW

>
>From: Roger <g3ldi@...>
>To: Versatower@yahoogroups.com
>Sent: Wed, 9 March, 2011 13:30:35
>Subject: [Versatower] Re: Welcome to Versatower (crank up and tilt over) yahoo
>group.
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```

4. Re: [Versatower] Re: Welcome to Versatower (crank up and tilt over) yahoo group.

Yahoo group: Versatower
Date: 2011-03-09 13:42:23 UTC
From: ALEX LISTER
Topic: 1 Message: 4

Robert & co
I ahve a 2nd hand Versatower P40 bought 30 years ago.
Also help maintain a P40 with Fulton heavy duty winches and a P60 with crappo winches at Leicester Radio Society
http://http://g3lrs.co.uk/
You can see LRS antenna farm I think from google earth.
And a shadow of mine if u look at G8FCQ QRZ.com

PS Bob G3ORY has a P60 (or maybe P80) Guyed so drop him anote if u want guying info ?
I also recal John G3MYI climbing up a P60 trailer tower we borrowed fm Brownhills to adjust safety hinge on top of a windy hill top.
He also climbed an elevated tower to fix a rotator problem.
He still has all his feet and fingers but a bit of a risky enterprse !

PS vine are useless !
73 Alex G8FCQ

From: Ffive VHN <f5vhn@...>
To: Versatower@yahoogroups.com
Sent: Wednesday, 9 March, 2011 13:28:38
Subject: Re: [Versatower] Re: Welcome to Versatower (crank up and tilt over) yahoo group.

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So you have a lot of experience.
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Robert F5VHN (Op-F6KCP) G0HGW

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5. Squeeky and squeally winches

Yahoo group: Versatower
Date: 2011-03-10 08:33:56 UTC
From: Ffive VHN
Topic: 5 Message: 5

Hello,

Having only put my new versatower into the vertical position for the first time yestarday, I've got quite a few newbee questions.

I have a M60 (Soon M100 :-)) with K1550 auto breaked winches. Winching it up there are the clicks from the teeth. (are these needed beacuse it is auto breaked ?)

But when winding down to the nested position (and from the vertical to the horizontal) , towards the end of the movement the winches really started to squeek and then squeal. and boy did this resonate in the mast. This noise did not happen when winding it up.

Has anyone else had this ?
What can be done.?
Someone suggested a squirt of WD40 (NOT oil).

(When I go over to the M100 I'll put on a K2550 winch.)
 Best 73
Robert F5VHN (Op-F6KCP) G0HGW

6. From vertical to horizontal

Yahoo group: Versatower
Date: 2011-03-10 08:41:04 UTC
From: Ffive VHN
Topic: 6 Message: 6

Hello,

I had quite a job trying to get the tower from its nested vertcal position to the horizontal position. At first I was very careful that it would not suddenly displace all its weight, but after a moment I realised I could not even get it to move.

In the end I looped a guy rope around the jockey wheel and pulled with all my force AND levered the bottom for the tower with some 2x4. Then eventually did it start to move to the horizontal and then gravity took over. Is this normal ?

It is possible that the out riggers on the trailer set in the grass a bit, But , checking with a spirit level , the base plate looked level in both dimensions.

Best 73
Robert F5VHN (Op-F6KCP) G0HGW

7. Re: From vertical to horizontal

Yahoo group: Versatower
Date: 2011-03-10 09:16:30 UTC
From: simon.curry@rocketmail.com
Topic: 6 Message: 7

Simple answer is no but its depends on what you have on the top of the tower. It does sound like the tiltover bearing (well its not really a beraing on some towerse might have been a little corroded, suggest suitable amounts of lubricant or grease (someone might have a better suggestion. One of my trailer towers can be a bit slow to start and need a pull to get gravity to take over.

Simon

--- In Versatower@yahoogroups.com, Ffive VHN <f5vhn@...> wrote:
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> Hello,
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> Robert F5VHN (Op-F6KCP) G0HGW
>

8. From vertical to horizontal and LUBRICANTS ?

Yahoo group: Versatower
Date: 2011-03-10 11:16:28 UTC
From: ALEX LISTER
Topic: 6 Message: 8

Simon
I keep mine well greased as a routine.
I carefully use an old heavy piece of timber operated by left hand to lever the mast just off the vertical as it does try and spring back till there is an inch or three of lufting cable unwound.

Next job when I have no grankids or XYL in garden is to work out how to swing my 144 /432 array round

Ham 1V has given up the ghost.
Hope its the cabling rather than the ring gear !
Maybe use a rope to pull beams round,
Its not perfect but I use a temporary unistrut or scaffold under tower when in Hz position.
(has to be temporary a sfits into a hidden socket under the gravel of XYL,s herb garden !!
In fact at club (g3LRS) I put some horizontal support permantly in the ground.
However method is not idiot free and some club members insist to walk under the tower,

Anyone know a cheap supply of rope lubricant. Brush on is fine.
Have used motorcycle chain oil . Local mech aids people stocklubricant but either megga expensive or cheaper in huge commercial quantities.
Alex G8FCQ

From: "simon.curry@..." <simon.curry@...>
To: Versatower@yahoogroups.com
Sent: Thursday, 10 March, 2011 9:16:30
Subject: [Versatower] Re: From vertical to horizontal

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> checking with a spirit level , the base plate looked level in both dimensions.

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> Best 73
> Robert F5VHN (Op-F6KCP) G0HGW
>

9. Clunk Click every trip !

Yahoo group: Versatower
Date: 2011-03-10 11:29:26 UTC
From: ALEX LISTER
Topic: 5 Message: 9

Robert
It might be you have run the elevating cables through the wrong strut.?
The winches and tower tend to complain somewhat.
Both mine and Leicester Rad Soc Fulton winches chatter when elevating they should do.
I would be more concerned if they didn't ! (Ratchet)
But when lowering should go pretty smooth and quiet.
The Club P60 also exhibits similar characteristics I think that has "K" series winches.
Alex

From: FfiveVHN <f5vhn@...>
To: Versatower@yahoogroups.com
Sent: Thursday, 10 March, 2011 8:33:56
Subject: [Versatower] Squeeky and squeally winches

Hello,

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Has anyone else had this ?
What can be done.?
Someone suggested a squirt of WD40 (NOT oil).

(When I go over to the M100 I'll put on a K2550 winch.)
Best 73
Robert F5VHN (Op-F6KCP) G0HGW

10. From vertical to horizontal

Yahoo group: Versatower
Date: 2011-03-10 11:33:36 UTC
From: ragnar otterstad
Topic: 6 Message: 10

.
I carefully use an old heavy piece of timber operated by left hand to lever the mast just off the vertical as it does try and spring back till there is an inch or three of lufting cable unwound.

That is what I am doing too. Then I let the elecrich winch take over.

73 rag LA5HE

11. Re: [Versatower] Re: Welcome to Versatower (crank up and tilt over) yahoo group.

Yahoo group: Versatower
Date: 2011-03-11 16:20:22 UTC
From: Roger Cooke
Topic: 1 Message: 11

Hi Robert et al.

I have had crank-ups for the last 40 years. I had a four-section one at my last QTH with a 3-el HB 20m monobander and a 3el 10/15m stacked 15 ft above it. Unfortunately I had guyed it - in three - places at a total height of 85ft using the blue polyprop rope. My wife called me at work one morning just as we were having a gale, to tell me it had collapsed. The third section had bent over allowing the top section to slide out, ending up in my neighbour's garden. The mast, a 20ft dural scaffold pole was in the ground 3ft.
DON'T EVER USE POLYPROP ROPE FOR GUYS!

I now have a Western tower, a three section one, each section is 40ft long. It is cranked up permanently at 110ft and guyed. I now use Phyllistran for the top two guys and the bottom one is galvanised wire, broken with large insulators. When it is cranked up, I climb up the tower with two plates, made for me by my son. They are stainless steel, two thicknesses of 14 inch welded together. As I climb, I put one above me into the tower so that if anything did happen, I would not be sliced like cucumber and loose any fingers. I put one of these under the top section at the thick part of the horiznatal and the other one at the bottom of the second section at the same place. I then lower the tower onto these places and tighten the guys. It is never cranked down, and stayed up in the 1987 hurricane.
I have a 4-el Steppir on the top and dipoles hanging off the cross arm.

I also have two fixed 80ft towers and another crankup at the other end of my garden to support my rhombic. There is a small crankup at the house end that I use for test purposes. I keep the hoist wires greased with a black grease made
up a long time ago by a local but it does have a habit of hardening after a few years.

This year the big tower is being lowered to have a tilt-plate installed. However
I would like to get a side mount for another fixed beam, but I don't think there is anywhere in the UK that makes them - or TIC-ring for that matter. I also need

a few large turnbuckles if anybody knows a source please?

Towers are on my web site: www.g3ldi.co.uk

73 de Roger, G3LDI

Regards from Roger, G3LDI
Swardeston, Norfolk.

From: Ffive VHN <f5vhn@...>
To: Versatower@...m
Sent: Wed, 9 March, 2011 13:28:38
Subject: Re: [Versatower] Re: Welcome to Versatower (crank up and tilt over) yahoo group.

Hi Roger,

Welcome !

>> I have three crank-up towers here, plus three fixed towers.

So you have a lot of experience.
What versions, makes and heights do you have ? Do you guy them ?

Best 73
Robert F5VHN (Op-F6KCP) G0HGW

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>> Best 73
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>> Robert F5VHN
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>
>

12. Which winch ?

Yahoo group: Versatower
Date: 2011-03-11 18:15:22 UTC
From: Ffive VHN
Topic: 12 Message: 12

Hi,

I'm converting my M60 with K1550 winches , to an M80(or 100).

I have available a new K2550 winch; Is it better to replace the luffing (horizontal to vertical) K1550 or the raising K1550 ?

I'm trying to work out which would have more force on it ?

(Maybe I should be concidering a second K2550 ....)

Best 73
Robert F5VHN (Op-F6KCP) G0HGW

13. Re: Welcome to Versatower (crank up and tilt over) yahoo group.

Yahoo group: Versatower
Date: 2011-03-15 18:47:49 UTC
From: f5vhn
Topic: 1 Message: 13

Wow Roger,

Thats really quite a set-up. You must have quite a bit of concrete under that. The photos on you site did not work for me.
What type of winches are you using on the 120ft'er ?

Thanks for the advice about the ropes. I've used polyprop ropes for weekend installations, but I test them everytime. They degrade very quickly, when exposed to the weather and after that they are useless.
I've have a pulley at the top of a tree with a poly prop rope , but it has to be changed every year or so. If that breaks at worst I have to climb to tree....

I think I'll follow your idea about steel guy wires for the bottom section. What size wire do you use ?

I'm looking into making a tilt plate , if I can get the stainless steel plate.

Grease, that old chestnut, thats for another mail.

I have some turnbuckles, I'll take a photo and send it to you. How many do you need ? I think I have 3 or 4.

There were types of TICrings on sale in Germany at Friedrichaven (for give the spelling). But I do no know how good they would be for a crank up tower.

I hope to get mine up at 80ft with a rotatable dipole on 40m for the WPX at the end of the month. I'm having some challanges centering the rotator and the mast bearing. The holes do not line up that well.

Robert F5VHN G0HGW

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> >
>

14. Tower

Yahoo group: Versatower
Date: 2011-03-28 13:20:38 UTC
From: Roger
Topic: 14 Message: 14

In response to your queries Robert.

The winches are those that came with the tower, and I do keep them
well greased and checked. The only problem seems to be the plastic piece on the handle.
This cracks with time and is not easy to replace.
I normally use graphite grease made up for me a long time ago now.
I still have a little left, but obviously don't use it for the guys now, except the bottom set. The only reason I kept the wire guys at the bottom is because I did not have enough Phyllistran to do all three sets of guys and it is expensive. I will replace them in time however.

73 de Roger, G3LDI

15. PUMP UP

Yahoo group: Versatower
Date: 2011-05-25 13:27:30 UTC
From: ALEX LISTER
Topic: 15 Message: 15

I know the Yahoo group is principly for Versatower but ,
Does anyone have expereince of Clarks pump up masts ?
Our Club trailer mounted mast has problems, !
It very slowly loses pressure.
We wondered if the fact that it was kept stored in a horizontal position that it might be putting sideways pressue on the seals ?
Unforunatly it is not a model with easy lock off collars .
Alex G8FCQ
On behalf of Leiceter Radio Soc

16. Wanted.

Yahoo group: Versatower
Date: 2011-05-30 07:18:45 UTC
From: f5vhn
Topic: 16 Message: 16

Hello,

Myself and Mike (gd4wby) are looking for a versatower for parts.
He is looking for the 13m20 section.
and I am looking for the 7m20 section (and if possible a 5M20 section).

If someone has a complete P60 std available we will take it.
Base or no base.

For info;
Versatower produce 5 sections
16m20 The biggest is the 16 inch face for the HD series.
13m20 13 inch face, the bottom section of the std series
10m20 10 inch face top section of the HD 60 after
7m20 7 inch face , top section of the std 60 after.
5m20 5 inch face

Thanks
Robert F5VHN

F5VHN (at) yahoo(dot)com

17. Re: PUMP UP

Yahoo group: Versatower
Date: 2011-07-22 16:56:54 UTC
From: bob_g1zjp
Topic: 15 Message: 17

--- In Versatower@yahoogroups.com, ALEX LISTER <alexcom22@...> wrote:
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> I know the Yahoo group is principly for Versatower but ,
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> Our Club trailer mounted mast has problems, !
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Alex
I have one which is trailer mounted and transported horizontally - stored if not in use horizontally too. Clark assured me that there would be a little seal distortion which would re-shape under air pressure. It is not uncommon for them to loose pressure over time and much will depend on headload and guying [to minimise head movement]. I've had mine 20yrs +/- and it's lifted arrays such as 4x9 ele tonnas / 4x28ele 432 antennas stacked and finally a 2m mesh dish all with pole / standoff brackets and rotator & top bearing. It made someone at Clark's eyes pop out a little, but has been very useful and tows very well - it's a SCAM12. Clearly what you do with yours is your responsibility and just because I've done it and got away with it doesn't mean that it will be OK too!
Take care.
What Clark did tell me many years ago was that the seals are natural rubber and should ONLY be lubricated with silicone grease anything else will damage the seals.
73
Bob
G1ZJP

18. Noisy winches

Yahoo group: Versatower
Date: 2011-08-22 10:58:54 UTC
From: f5vhn
Topic: 18 Message: 18

Hello,

I'm really starting to use my tower now.

However I'm finding the hand operated (auto-breaked) winches to be very noisy. When raising the tower its the clacking sound and when lowering the tower its the squealling of the break pads.
What solutions are there ?

Does a silent hand operted winch exist.

I saw in RAdcom the 12v winches, one needs to have a 12v supply (car battery) always at hand.
Does a 220v winch exist ?

I had to lower the tower the other night at 01:30 local time and then raise it in the morning 06:00, local. It was REALLY loud !!

Also I have found that the antenna (A3s) 'sings', even in the slightest or breezes. I will seal the antenna support tube the next time I wind the tower down.

Appart from the noise I'm having a blast on 20/15/10m.

Robert F5VHN

19. Still looking for 7m20 7 inch face section.

Yahoo group: Versatower
Date: 2011-08-22 11:05:58 UTC
From: f5vhn
Topic: 19 Message: 19

Hello,

I'm still looking for a 7m20 7inch face , section of versatower.
Its the 4th section for the HD or the 3rd section of the standard.

So if you know of one let me know. Or if someone is selling or 'breaking' a tower, I could be interested. Even without the support.

Thanks

Robert F5VHN

f5vhn (at) yahoo . com

20. Rating for a 7m20.

Yahoo group: Versatower
Date: 2011-08-22 11:08:37 UTC
From: f5vhn
Topic: 20 Message: 20

Hi,

WHat is the maximum rating (load) of a tower with a top section of 7m20 7inch face.
Or what is the maximum you would put on it?
Or how much did you put on it (before it failed ....) ?
Guyed or un-guyed.

Thanks

Rob F5VHN

f5vhn (at)yahoo .com

21. Modification advice

Yahoo group: Versatower
Date: 2012-04-18 21:38:28 UTC
From: f4cpy
Topic: 21 Message: 21

Hello versatower aficionados!
Our radioclub has a versatower model 3XHD that need a serious repair.
We planned for this year to put a larger multiband antenna on top.
That means new mecanichal parts and some modifications.
We first modified the system to make the tilt operation more secure by using a tilt hoist.
You can see our progressing at:
http://f6ksv.free.fr/articles.php?lng=en&pg=558
<http://f6ksv.free.fr/articles.php?lng=en&pg=558>
Comments are surely welcome (also to correct my english hi!).
Thanks to MD0MDI, GM3WOJ, and others to put their informations on internet.
I would like to have your opinion on another modification that I would like to make.
It's described on F4GMS homepage : link
<http://f4gms.pagesperso-orange.fr/modifications_pylone_versatower_type_\
bm18t___f1gjq_205.htm>
As the wire rope normaly passed over the 3rd bracing, why not make a pulley much larger to avoid wire rope friction?
Another advice required on the fulton Winch (used to raise), mine have lost his friction material, how can i replace it (matérial...)?

Thanks

Didier (F4CPY)

22. catcher plate

Yahoo group: Versatower
Date: 2012-09-13 20:34:54 UTC
From: M5JON
Topic: 22 Message: 22

Hi All

Is there any reason why not to make up a 2nd catch plate to fit to top of the 2nd section to support the 3rd section on a 18m HD Versatower??

John
M5JON

23. Re: [Versatower] catcher plate

Yahoo group: Versatower
Date: 2012-09-14 06:47:50 UTC
From: Chris GM3WOJ
Topic: 22 Message: 23

Hi John

A second catcher plate would take the strain off the upper telescoping wire, but I think there are 2 problems which make it not a good idea.

Firstly, it would be very difficult to 'synchronise' the 2 catcher plates - the tower wires all stretch very slightly over time, so to have the 2 catcher plates in the correct place to be useful would be very difficult. Yes you could have one slightly out of position, but then you would get a slack loop in one of the tower wires when fully extended - a bad idea.

Secondly, if the second catcher plate rope or wire broke (as can happen) then you would have to climb 40' up to fix it - very dangerous (even climbing 20' on an extended telescopic tower is not recommended at all)

It's worth remembering that to lower a well-guyed Versatower, you first have to loosen all the bottle-screws completely, which allows you to crank the tower up about 5" to allow you to move the catcher plate out - this might be more problematic with 2 catcher plates.

73
Chris
GM3WOJ

24. Re: [Versatower] catcher plate

Yahoo group: Versatower
Date: 2012-09-14 20:26:54 UTC
From: M5JON
Topic: 22 Message: 24

Hi Chris

I did think about the alignment of the two plates but didn't thing about the guying situation so will leave it at that. My initial thought of putting another catcher plate on was as you say to take the strain off the upper rope as I am somewhat concerned that I will be overloading it with what I intend to put on it. I am in the process of refurbing it and will be up grading the telescoping ropes to 6mm and the luffing rope to 8mm.

I intend to put on it a Steppir DB36 (73 Kgs) PST 71 rotator (30 Kgs) HD 3R Cage (11 Kgs) so with the stub mast it would be around 120 Kgs. I would be interested on your thoughts and what you guys are putting on your Versatowers. I've seen 30m Versatowers with multi stacked beams on them that must be around this kind of weight?

Cheers
John
M5JON

----- Original Message -----
From: Chris GM3WOJ
To: Versatower@yahoogroups.com
Sent: Friday, September 14, 2012 7:47 AM
Subject: Re: [Versatower] catcher plate

Hi John

A second catcher plate would take the strain off the upper telescoping wire, but I think there are 2 problems which make it not a good idea.

Firstly, it would be very difficult to 'synchronise' the 2 catcher plates - the tower wires all stretch very slightly over time, so to have the 2 catcher plates in the correct place to be useful would be very difficult. Yes you could have one slightly out of position, but then you would get a slack loop in one of the tower wires when fully extended - a bad idea.

Secondly, if the second catcher plate rope or wire broke (as can happen) then you would have to climb 40' up to fix it - very dangerous (even climbing 20' on an extended telescopic tower is not recommended at all)

It's worth remembering that to lower a well-guyed Versatower, you first have to loosen all the bottle-screws completely, which allows you to crank the tower up about 5" to allow you to move the catcher plate out - this might be more problematic with 2 catcher plates.

73
Chris
GM3WOJ

25. Re: [Versatower] catcher plate

Yahoo group: Versatower
Date: 2012-09-16 11:56:34 UTC
From: Chris GM3WOJ
Topic: 22 Message: 25

Hi John

120kgs is a lot of weight - it is really not possible to say whether it is a safe headload for the tower or not. I live in a windy area, but I am sheltered from the West, so one of many factors is how much wind your QTH experiences. Just guessing that 120kg is about the limit for a Heavy-duty P80 and might be too much for a standard P80 with the 5M20 top section.

Here I have a HyGain 205CAS + Tailtwister rotator + Standard head unit - about 70kg max I think, on a standard BP80.

Two points - maybe worth using longer guy wires i.e. at a wider radius than the Versatower recommended. Also use wire guys for all 4 sets - Keith GM4YXI recently spent a fortune on 15mm synthetic rope + special clamps etc for the top set of guys and I don't think he is too happy with the way the rope has stretched, despite claims that it does not stretch.

Secondly (others will correct me if I'm wrong) - Clive GM3POI told me that they stopped putting oil in the Prosistel gearboxes about 5 years ago - because it would leak out - and changed to grease. Clive has had 2 gearbox failures cos of the inadequate amount of grease, so he would recommend opening the gearbox and checking that it is correctly lubricated and that the water-tight seals are properly seated.

Hope this helps...

73
Chris
GM3WOJ

26. Re: [Versatower] catcher plate

Yahoo group: Versatower
Date: 2012-09-16 13:08:05 UTC
From: M5JON
Topic: 22 Message: 26

Hi Chris

I will be putting all this on a Heavy Duty P60 with the 10M20 top section but still think I'm pushing it. I don't think its so much of an issue about the tower but more so the wire ropes especially the top one.

I do intend to guy it at all 3 sections and was also looking at synthetic rope also? would like to use Phillystran but can't find a UK supplier? so perhaps I'll relook at wire.
Yep it's quite windy here from the south west mainly as I live very close to the Severn Estuary and it comes up at quite a lick sometimes, highest I've measured is 65mph but of course I would lower it down if it was forecast.

Thanks for the info on the PST I will have a look at it and see what's going on inside although it may affect the warranty if I open it up?

Anyway lots of things to think about as it has to be safe don't want to find it all on the floor one morning :-(. Have also asked Ron at Vine for a price on a Extra HD 18m Radio Structures mast but I expect you'll have to pick me off the floor when I get it.

Thanks for your help Chris I let you know how I get on.

Cheers for now
John
M5JON

----- Original Message -----
From: Chris GM3WOJ
To: Versatower@yahoogroups.com
Sent: Sunday, September 16, 2012 12:56 PM
Subject: Re: [Versatower] catcher plate

Hi John

120kgs is a lot of weight - it is really not possible to say whether it is a safe headload for the tower or not. I live in a windy area, but I am sheltered from the West, so one of many factors is how much wind your QTH experiences. Just guessing that 120kg is about the limit for a Heavy-duty P80 and might be too much for a standard P80 with the 5M20 top section.

Here I have a HyGain 205CAS + Tailtwister rotator + Standard head unit - about 70kg max I think, on a standard BP80.

Two points - maybe worth using longer guy wires i.e. at a wider radius than the Versatower recommended. Also use wire guys for all 4 sets - Keith GM4YXI recently spent a fortune on 15mm synthetic rope + special clamps etc for the top set of guys and I don't think he is too happy with the way the rope has stretched, despite claims that it does not stretch.

Secondly (others will correct me if I'm wrong) - Clive GM3POI told me that they stopped putting oil in the Prosistel gearboxes about 5 years ago - because it would leak out - and changed to grease. Clive has had 2 gearbox failures cos of the inadequate amount of grease, so he would recommend opening the gearbox and checking that it is correctly lubricated and that the water-tight seals are properly seated.

Hope this helps...

73
Chris
GM3WOJ

27. Re: catcher plate

Yahoo group: Versatower
Date: 2012-09-16 14:50:17 UTC
From: daslin73
Topic: 22 Message: 27

John,
Also bear in mind the load on the luffing cable and winch. The maximum stress is when the tower gets to about 45-50 degrees and can be much higher than you would think - remember that your 120kg is at the end of about 6.5m of nested tower sections so the leverage on the cable is considerable.

I've been using the spreadsheet created by Dave G4HUP (it's on the 2012 EME Conference DVD and Dave will be giving his talk again at the RSGB Convention: Stresses in Cables when Raising or Lowering a Tower). It showed that my proposed big 185kg array would work on my tower - but it's much-bigger-and-stronger than HD Versatower with a 24inch base section width and double sheaves on all sections. Luffing cable is 10mm rigged with a 2:1 mechanical advantage.

With the sort of load you are contemplating, I would certainly do the sums on the luffing forces as well as the headload/windload calculations before raising the array.
HTH
73
Dave G3WGN

--- In Versatower@yahoogroups.com, Chris GM3WOJ <gm3woj@...> wrote:
>
> Hi John
>
> 120kgs is a lot of weight - it is really not possible to say whether it is a safe headload for the tower or not. I live in a windy area, but I am sheltered from the West, so one of many factors is how much wind your QTH experiences. Just guessing that 120kg is about the limit for a Heavy-duty P80 and might be too much for a standard P80 with the 5M20 top section.
>
> Here I have a HyGain 205CAS + Tailtwister rotator + Standard head unit - about 70kg max I think, on a standard BP80.
>
> Two points - maybe worth using longer guy wires i.e. at a wider radius than the Versatower recommended. Also use wire guys for all 4 sets - Keith GM4YXI recently spent a fortune on 15mm synthetic rope + special clamps etc for the top set of guys and I don't think he is too happy with the way the rope has stretched, despite claims that it does not stretch.
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> Secondly (others will correct me if I'm wrong) - Clive GM3POI told me that they stopped putting oil in the Prosistel gearboxes about 5 years ago - because it would leak out - and changed to grease. Clive has had 2 gearbox failures cos of the inadequate amount of grease, so he would recommend opening the gearbox and checking that it is correctly lubricated and that the water-tight seals are properly seated.
>
> Hope this helps...
>

> 73
> Chris
> GM3WOJ
>

28. Re: [Versatower] Re: catcher plate

Yahoo group: Versatower
Date: 2012-09-17 19:54:12 UTC
From: M5JON
Topic: 22 Message: 28

Hi Dave

Thanks for the info and your input. Out of interest what tower do you have?

73
John
M5JON
----- Original Message -----
From: daslin73
To: Versatower@yahoogroups.com
Sent: Sunday, September 16, 2012 3:50 PM
Subject: [Versatower] Re: catcher plate

John,
Also bear in mind the load on the luffing cable and winch. The maximum stress is when the tower gets to about 45-50 degrees and can be much higher than you would think - remember that your 120kg is at the end of about 6.5m of nested tower sections so the leverage on the cable is considerable.

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With the sort of load you are contemplating, I would certainly do the sums on the luffing forces as well as the headload/windload calculations before raising the array.
HTH
73
Dave G3WGN

--- In Versatower@yahoogroups.com, Chris GM3WOJ <gm3woj@...> wrote:
>
> Hi John
>
> 120kgs is a lot of weight - it is really not possible to say whether it is a safe headload for the tower or not. I live in a windy area, but I am sheltered from the West, so one of many factors is how much wind your QTH experiences. Just guessing that 120kg is about the limit for a Heavy-duty P80 and might be too much for a standard P80 with the 5M20 top section.
>
> Here I have a HyGain 205CAS + Tailtwister rotator + Standard head unit - about 70kg max I think, on a standard BP80.
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Versatower recommended. Also use wire guys for all 4 sets - Keith GM4YXI recently spent a fortune on 15mm synthetic rope + special clamps etc for the top set of guys and I don't think he is too happy with the way the rope has stretched, despite claims that it does not stretch.
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> Secondly (others will correct me if I'm wrong) - Clive GM3POI told me that they stopped putting oil in the Prosistel gearboxes about 5 years ago - because it would leak out - and changed to grease. Clive has had 2 gearbox failures cos of the inadequate amount of grease, so he would recommend opening the gearbox and checking that it is correctly lubricated and that the water-tight seals are properly seated.
>
> Hope this helps...
>
> 73
> Chris
> GM3WOJ
>

29. Re: catcher plate

Yahoo group: Versatower
Date: 2012-09-18 22:00:43 UTC
From: daslin73
Topic: 22 Message: 29

It's an ex-France Telecom/Orange trailer mounted 30m Versatower. Custom built for FT. As sold by Upshot (they have 2 left I believe - but check with your mortgage provider first). As G4BUO commented 'it's a monster' :-)
73
Dave G3WGN

--- In Versatower@yahoogroups.com, "M5JON" <m5jon@...> wrote:
>
> Hi Dave
>
> Thanks for the info and your input. Out of interest what tower do you have?
>
> 73
> John
> M5JON
> ----- Original Message -----
> From: daslin73
> To: Versatower@yahoogroups.com
> Sent: Sunday, September 16, 2012 3:50 PM
> Subject: [Versatower] Re: catcher plate
>
>
>
> John,
> Also bear in mind the load on the luffing cable and winch. The maximum stress is when the tower gets to about 45-50 degrees and can be much higher than you would think - remember that your 120kg is at the end of about 6.5m of nested tower sections so the leverage on the cable is considerable.
>
> I've been using the spreadsheet created by Dave G4HUP (it's on the 2012 EME Conference DVD and Dave will be giving his talk again at the RSGB Convention: Stresses in Cables when Raising or Lowering a Tower). It showed that my proposed big 185kg array would work on my tower - but it's much-bigger-and-stronger than HD Versatower with a 24inch base section width and double sheaves on all sections. Luffing cable is 10mm rigged with a 2:1 mechanical advantage.
>
> With the sort of load you are contemplating, I would certainly do the sums on the luffing forces as well as the headload/windload calculations before raising the array.
> HTH
> 73
> Dave G3WGN
>
> --- In Versatower@yahoogroups.com, Chris GM3WOJ <gm3woj@> wrote:
> >
> > Hi John

> >
> > 120kgs is a lot of weight - it is really not possible to say whether it is a safe headload for the tower or not. I live in a windy area, but I am sheltered from the West, so one of many factors is how much wind your QTH experiences. Just guessing that 120kg is about the limit for a Heavy-duty P80 and might be too much for a standard P80 with the 5M20 top section.
> >
> > Here I have a HyGain 205CAS + Tailtwister rotator + Standard head unit - about 70kg max I think, on a standard BP80.
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> > Two points - maybe worth using longer guy wires i.e. at a wider radius than the Versatower recommended. Also use wire guys for all 4 sets - Keith GM4YXI recently spent a fortune on 15mm synthetic rope + special clamps etc for the top set of guys and I don't think he is too happy with the way the rope has stretched, despite claims that it does not stretch.
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> >
> > Hope this helps...
> >
> > 73
> > Chris
> > GM3WOJ
> >
>

30. GM4YXI tower damage

Yahoo group: Versatower
Date: 2012-09-26 13:22:20 UTC
From: Chris GM3WOJ
Topic: 30 Message: 30

Hello all

Cross-posting from the UK-contest reflector, for some of you who may be thinking about using this type of non-conductive rope for the top set of guys. This was posted by my friend Keith GM4YXI / GM5X today :

It is only right to follow-up on earlier postings about my pursuit of a non-conductive guy rope solution over the summer.
At the first serious test (and it was serious) I am afraid the Mastrant rope does not seem to be up to snuff. This is at least my initial impression.
I think Don G3BJ asked a pertinent question at one point in our exchanges, regarding the performance of this rope under impulsive stresses such as wind gusts.
Sad to say, I think the conclusion may be 'not good enough'. I got home last night to find the top section of the P80 guyed with the Mastrant rope (D12) bent right over and the yagi on top completely trashed. I have not had the chance to examine the damage in detail but it seems the top guy in the prevailing wind direction 'failed'. The turnbuckles, U bolts etc seem OK so I suspect the rope stretched to a point where it was serving no useful purpose. Difficult to be sure but my confidence in this stuff is now zero! I genuinely believe that the installation was otherwise well enough designed and assembled (but then I would say that, wouldn't I!)
Keith GM4YXI/GM5X

I helped Keith install these (expensive) new top guys just a few weeks ago, so we are disappointed that they failed to protect the tower. The tower did have a heavy load of antennas, so Keith will be reconsidering this aspect when repairing things. The lower 3 sections are guyed with 6mm wire guys.

On a different topic, I've made a new webpage about my recent repairs to a T2X rotator : www.qsl.net/gm3woj/t2xrepair.htm

73
Chris
GM3WOJ

31. Mastrant rope was Re: GM4YXI tower damage

Yahoo group: Versatower
Date: 2012-09-27 15:45:37 UTC
From: f5vhn
Topic: 30 Message: 31

Hi,

Only this morning I had an observation using Mastrant-P.

I use it to guy the top section of my 4 section versatower.

While winding the tower up this morning, the top guy snagged on the bottom section guying eye, ie at about 6m from the ground. I wound the tower up to its full height without any abnormal resistance. (Either that or my right arm is getting strong from cranking the tower up and down).

After cranking it up, I did the normal walk-around check only to find the above. So the guy rope instead of being the hypotenuse, it was practically and L.

Mastrant-p rope has a 2.4% stretch rating. I think it stretched it way beyond this.

I put this extra set of guys on , to try and take the strain off the mast during wind gusts.

Best 73
Robert F5VHN (Op-F6KCP) G0HGW

--- In Versatower@yahoogroups.com, "Chris GM3WOJ" <gm3woj@...> wrote:
>
> Hello all
>
> Cross-posting from the UK-contest reflector, for some of you who may be thinking about using this type of non-conductive rope for the top set of guys. This was posted by my friend Keith GM4YXI / GM5X today :
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> -----
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> Keith GM4YXI/GM5X

> -----
>
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> www.qsl.net/gm3woj/t2xrepair.htm
>
> 73
> Chris
> GM3WOJ
>

32. Mastrant rope was Re: GM4YXI tower damage

Yahoo group: Versatower
Date: 2012-09-28 14:41:42 UTC
From: daslin73
Topic: 30 Message: 32

Anyone at the Newark HamFest today or tomorrow? The Mastrant guys (pun intended) are there - a quiet word is in order?
73
David G3WGN

--- In Versatower@yahoogroups.com, "f5vhn" <f5vhn@...> wrote:
>
>
> Hi,
>
> Only this morning I had an observation using Mastrant-P.
>
> I use it to guy the top section of my 4 section versatower.
>
> While winding the tower up this morning, the top guy snagged on the bottom section guying eye, ie at about 6m from the ground. I wound the tower up to its full height without any abnormal resistance. (Either that or my right arm is getting strong from cranking the tower up and down).
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> After cranking it up, I did the normal walk-around check only to find the above. So the guy rope instead of being the hypotenuse, it was practically and L.
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>
> Best 73
> Robert F5VHN (Op-F6KCP) G0HGW
>
> --- In Versatower@yahoogroups.com, "Chris GM3WOJ" <gm3woj@> wrote:
> >
> > Hello all
> >
> > Cross-posting from the UK-contest reflector, for some of you who may be thinking about using this type of non-conductive rope for the top set of guys. This was posted by my friend Keith GM4YXI / GM5X today :
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> > -----
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> > -----
> >
> > I helped Keith install these (expensive) new top guys just a few weeks ago, so we are disappointed that they failed to protect the tower. The tower did have a heavy load of antennas, so Keith will be reconsidering this aspect when repairing things. The lower 3 sections are guyed with 6mm wire guys.
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> > On a different topic, I've made a new webpage about my recent repairs to a T2X rotator :
> > www.qsl.net/gm3woj/t2xrepair.htm
> >
> > 73
> > Chris
> > GM3WOJ
> >
>

33. Versatower and mast rating ?

Yahoo group: Versatower
Date: 2013-02-27 13:02:15 UTC
From: f5vhn
Topic: 33 Message: 33

Hi,

I'm suprised to find that I don't have (and can't easiliy find) the Head load rating of the versatower series of towers.

Does anyone have the following information;
headload rating (kgs and wind surface area load)
-àft
HD60ft
80ft
100ft
All guyed and unguyed.

I do not suppose there is a difference on this rating depending on your base type, ie soil post, ground post, mobile trailer,etc.....

Thanks

Rob

34. HD60, Re: Versatower and mast rating ?

Yahoo group: Versatower
Date: 2013-02-27 13:21:46 UTC
From: f5vhn
Topic: 33 Message: 34

Hi,

I've found the following:

OF COURSE (!!!) I should have stated the wind speed!

Lets take the UK standard wind rating, 85mph.

So for a HD60, UNGUYED

Area of head load(at this wind speed)
1 m2
10.7 ft2

Windage (Max weight of antenna system (at this windspeed)).
63.8 kg
140 lbs

O/T at base
2.9 tonnes m
9.39 tons ft

But what about the others 60std, 80 and 100? and what about guyed ?

Thanks

Rob F5VHN

--- In Versatower@yahoogroups.com, "f5vhn" <f5vhn@...> wrote:
>
> Hi,
>
> I'm suprised to find that I don't have (and can't easiliy find) the Head load rating of the versatower series of towers.
>
> Does anyone have the following information;
> headload rating (kgs and wind surface area load)
> -àft
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> 80ft
> 100ft
> All guyed and unguyed.
>
> I do not suppose there is a difference on this rating depending on your base type, ie soil post, ground post, mobile trailer,etc.....
>
> Thanks
>

> Rob
>

35. Awful Trip.....Alex Lister

Yahoo group: Versatower
Date: 2013-03-26 10:23:43 UTC
From: ALEX LISTER
Topic: 35 Message: 35

I'm writing this with tears in my eyes,my family and i came down here to Manila,Philippines for a short vacation to visit a resort and got mugged at gun point last night at the park of the hotel where we lodged.All cash,credit cards and cell were stolen off me.I've been to the embassy and the Police here but they're not helping issues at all,our flight leaves today and I'm having problems settling the hotel bills, we still have some money in our account but we don't have access to it right from here.

The hotel manager won't let us leave until
i settle the hotel bills(£1,950 Pounds)now am freaked out.the fastest and safest way you can have the money wire to us is via western union i promise to refund it back as soon as i get back home.

Regards,

Alex.

36. IGNORE THIS SPAM !! Re: Awful Trip.....Alex Lister

Yahoo group: Versatower
Date: 2013-03-26 16:32:50 UTC
From: Ffive VHN
Topic: 36 Message: 36

IGNORE ! THIS IS SPAM !!

Best 73
Robert F5VHN

37. Versatower and Altron tower info

Yahoo group: Versatower
Date: 2013-05-19 18:49:29 UTC
From: Chris GM3WOJ
Topic: 37 Message: 37

Hello all

I've added 2 new items of information to my webpage :

www.qsl.net/gm3woj/latticetower.htm

The items are an Excel Worksheet which gives the approximate date of manufacture of some Versatowers - more information required (thanks Ian GM3SEK)

and secondly, a PDF installation guide for Altron towers (thanks Neil G3RIR)

73
Chris
GM3WOJ

38. Create RC5B3

Yahoo group: Versatower
Date: 2013-05-19 20:33:42 UTC
From: gw4ble
Topic: 38 Message: 38

Hi All,

Just subscribed to the reflector this evening....

Anyone on here ever changed out a Create RC5B-3 rotor in situ from a HD60 head unit, in other words without taking the whole head unit off the tower?

Steve
GW4BLE

39. Luffing cable calculations

Yahoo group: Versatower
Date: 2013-05-19 20:54:31 UTC
From: gw4ble
Topic: 39 Message: 39

Please excuse the self indulgence (new member, two posts!); the calculator from the 2012 EME conference just doesn't appear to work for me, anyone able to work out some figures based on a HD60 (with HD head unit) with 8mm cable:

TH11 = 40kg
40-2CD (strengthened) = 30kg
Rotor = 9 Kg
Stub mast = 25kg

Thanks

Steve
GW4BLE

40. Fw: HAM 1V TELEX HY-GAin CDE POTENTIOMETER HELP

Yahoo group: Versatower
Date: 2013-06-11 10:10:34 UTC
From: ALEX LISTER
Topic: 40 Message: 40

Alex Lister
dah dit dah
LRS
 DMUARS

----- Forwarded Message -----
>From: ALEX LISTER <alexcom22@...>
>To: "uk-hf-contesting@yahoogroups.co.uk" <uk-hf-contesting@...>;
"uk-vhf-contesting@yahoogroups.co.uk" <uk-vhf-contesting@...>; "LRS@....org.uk" <LRS@...>
>Sent: Tuesday, 11 June 2013, 11:08
>Subject: HAM 1V TELEX HY-GAin CDE POTENTIOMETER HELP
>
>
>
>RE   HAM 1V TELEX HY-GAin CDE POTENTIOMETER HELP
>
>
>
>
>In desperation it seems my repair of years ago has failed
>I am looking for a replacement Potentiometer
>
>
>
>This is a wirewound device Item No 39 - Potentiometer (R-3) Kit
>about 3" in diameter with external wiper
>I will try a few UK suppliers but don't hold up much hope as though they purport to sell
spares they do but never the parts you need !
>
>
>Page 39 ofb1989 manual relates but guess Rotator much older as it came free with used
tower about 30 years ago
>
>
>Full part No
>
>51460 Potentiometer (R3) Page 31 of manual
>
>
>
>
>Any help appreciated as not a good time of the year to luft tower over XYLs herb Garden
>
>
>

>Alex Lister G8FCQ
>0753 120 1640 (if u need a picture)
>
>
>
>occasionaly G5UM/A /P but not with out a rotator
>
>dah dit dah
>LRS
> DMUARS
>
>
>

41. Vedr: [Versatower] Fw: HAM 1V TELEX HY-GAin CDE POTENTIOMETER HELP

Yahoo group: Versatower
Date: 2013-06-11 11:49:35 UTC
From: ragnar otterstad
Topic: 40 Message: 41

why not ask the manufacturer in USA

73 Rag la5he

http://tinyurl.com/c6g6g4k

http://de.visittelemark.com/
or
http://www.telemarkskanalen.no/nor/Kanalen
where we are located "riverside".

"Ubi Morsum verba tacent"

Fra: ALEX LISTER <alexcom22@btopenworld.com>
Til: "Versatower@yahoogroups.com" <Versatower@yahoogroups.com>
Sendt: Tirsdag, 11. juni 2013 12.10
Emne: [Versatower] Fw: HAM 1V TELEX HY-GAin CDE POTENTIOMETER HELP

Alex Lister
dah dit dah
LRS
 DMUARS

----- Forwarded Message -----
>From: ALEX LISTER <alexcom22@btopenworld.com>
>To: "uk-hf-contesting@..." <uk-hf-contesting@yahoogroups.co.uk>; "uk-vhf-contesting@..." <uk-vhf-contesting@yahoogroups.co.uk>; "LRS@..." <LRS@...>
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>
>dah dit dah
>LRS
> DMUARS
>
>
>

42. Re: Vedr: [Versatower] Fw: HAM 1V TELEX HY-GAin CDE POTENTIOMETER HELP

Yahoo group: Versatower
Date: 2013-06-11 13:56:40 UTC
From: dodgy_dxer
Topic: 40 Message: 42

Or this guy

http://www.rotor-parts.com/cde.html

73 Fred

--- In Versatower@yahoogroups.com, ragnar otterstad <la5he@...> wrote:
>
> why not ask the manufacturer in USA
>
> 73 Rag la5he
>
> http://tinyurl.com/c6g6g4k
>
>
>
>
> http://de.visittelemark.com/
> or
> http://www.telemarkskanalen.no/nor/Kanalen
> where we are located "riverside".
>
>
> "Ubi Morsum verba tacent"
>
>
> _____
> Fra: ALEX LISTER <alexcom22@...>
> Til: "Versatower@yahoogroups.com" <Versatower@yahoogroups.com>
> Sendt: Tirsdag, 11. juni 2013 12.10
> Emne: [Versatower] Fw: HAM 1V TELEX HY-GAin CDE POTENTIOMETER HELP
>
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> Alex Lister
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>
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>
> ----- Forwarded Message -----
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> >To: "uk-hf-contesting@..." <uk-hf-contesting@...>; "uk-vhf-contesting@..."
<uk-vhf-contesting@...>; "LRS@..." <LRS@...>
> >Sent: Tuesday, 11 June 2013, 11:08
> >Subject: HAM 1V TELEX HY-GAin CDE POTENTIOMETER HELP
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> >RE   HAM 1V TELEX HY-GAin CDE POTENTIOMETER HELP
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> >
> >occasionaly G5UM/A /P but not with out a rotator
> >

> >dah dit dah
> >LRS
> > DMUARS
> >
> >
> >
>

43. H3 Rotator Cage

Yahoo group: Versatower
Date: 2013-09-22 06:53:57 UTC
From: <mw1lcr@...>
Topic: 43 Message: 43

Long shot this, but....

I need a Head Cage that is big enough to take the bigger PST Rotators.
Like a PST61 or larger.

The Versatower H3 head unit (the biggest production version Versatower made) is what I am looking for. Has anyone got one kicking around?

Even a damaged one would be useful!

Alternatively has anyone had one made or made one, and have some drawings or dimensions that would be useful to give to local Fab Shop to get one made..?

Cheers

Adrian MW1LCR

44. Rope specs

Yahoo group: Versatower
Date: 2014-02-19 16:11:35 UTC
From: John Muzyka
Topic: 44 Message: 44

Has anyone got the sizes spec etc of the wire ropes for the HD P80 tower, I want to order a set from http://www.petercassidy.co.uk/steel-wire-ropes-leeds/
who are local to me but they want the spec,
Also what is the opinion of Stainless Ropes for the Versatowers? they do stainless as well as steel at Peter Cassidy.
Cheers
John G4RCG

45. RE: [Versatower] Rope specs

Yahoo group: Versatower
Date: 2014-02-19 18:53:33 UTC
From: John Lemay
Topic: 44 Message: 45

John

There's a lot of info to be found at http://www.qsl.net/gm3woj/latticetower.htm I've not checked exhaustively to see if your specific info is there.

On that site, stainless steel winch ropes "are to be avoided". I agree; in my experience they do not take kindly to repeated winding and unwinding.

John G4ZTR

From: Versatower@yahoogroups.com [mailto:Versatower@yahoogroups.com] On Behalf Of John Muzyka
Sent: 19 February 2014 16:12
To: versatower@yahoogroups.com
Subject: [Versatower] Rope specs

Has anyone got the sizes spec etc of the wire ropes for the HD P80 tower, I want to order a set from http://www.petercassidy.co.uk/steel-wire-ropes-leeds/

who are local to me but they want the spec,

Also what is the opinion of Stainless Ropes for the Versatowers? they do stainless as well as steel at Peter Cassidy.

Cheers

John G4RCG

46. Re: Rope specs

Yahoo group: Versatower
Date: 2014-02-19 19:12:50 UTC
From: Andy Martin
Topic: 44 Message: 46

John,

Talk to James Pickance at Upshot. He is very knowledgeable and helpful.

James Pickance

Managing Director

UPSHOT UK Ltd

Tel:+44(0)1590 670845

Mobile:+44(0)7973 763590

www.upshot-uk.com

73 Andy F5VAI (G3HCU)

47. Re: [Versatower] Re: Rope specs

Yahoo group: Versatower
Date: 2014-02-19 19:49:36 UTC
From: Adrian Rees (MW1LCR)
Topic: 44 Message: 47

Helpful, but not all that cheap, as my experience tells me.

Get the sizes & ring around. I got a set of ropes made for my M100 by
Chester Chain & Rope. Stamped & made by a BSI registered company.

Cheers

Adrian MW1LCR

On 19/02/2014 19:12, Andy Martin wrote:
>
> John,
> Talk to James Pickance at Upshot. He is very knowledgeable and helpful.
>
> James Pickance
>
> Managing Director
>
> UPSHOT UK Ltd
>
> Tel:+44(0)1590 670845
>
> Mobile:+44(0)7973 763590
>
> www.upshot-uk.com <http://www.upshot-uk.com>
>
> 73 Andy F5VAI (G3HCU)
>
>

48. Thanks

Yahoo group: Versatower
Date: 2014-02-20 09:18:17 UTC
From: John Muzyka
Topic: 48 Message: 48

Thanks for the mails on here and the private messages as well, all very helpful and will get them sorted
Cheers
John G4RCG

PS Is there a guide anywhere on the net as to "How to Change The Ropes" ???

49. Fw:

Yahoo group: Versatower
Date: 2014-04-22 03:43:19 UTC
From: g3rau
Topic: 49 Message: 49

Hi! People say it works: http://gappadenim.com/tahr/like.php

g3rau@aol.com

50. How to stop waking the neighbours?

Yahoo group: Versatower
Date: 2015-04-14 12:32:18 UTC
From: robharrison@...
Topic: 50 Message: 50

Hi,

Just fitted the first of 2 Fulton winches, no problems there. However the ratchet system is really loud and due to the mast being raised and lowered quite frequently this could become a problem with the neighbours.

Any tips on reducing this please?

73

Bob G8HGN

51. RE: [Versatower] How to stop waking the neighbours?

Yahoo group: Versatower
Date: 2015-04-14 12:44:21 UTC
From: John Lemay
Topic: 50 Message: 51

Hi Bob

I can't help but I'll be interested to see replies - I regard it as quite a problem. For that reason I chose Pfaff winches with a gravity pawl instead of a spring loaded ratchet. They're not silent by any means, but they are an improvement. Of course, the winch being attached to a long length of steel just seems to make the noise worse !

My inclination in your case would be to smother everything that moves in the heaviest grease that you can find. But, importantly, if you have a friction clutch that must remain contaminant free.

It would be worth asking on the HF and VHF Contest reflectors I think.

Regards

John

From: Versatower@yahoogroups.com [mailto:Versatower@yahoogroups.com]
Sent: 14 April 2015 13:32
To: Versatower@yahoogroups.com
Subject: [Versatower] How to stop waking the neighbours?

Hi,

Just fitted the first of 2 Fulton winches, no problems there. However the ratchet system is really loud and due to the mast being raised and lowered quite frequently this could become a problem with the neighbours.

Any tips on reducing this please?

73

Bob G8HGN

52. Re: [Versatower] How to stop waking the neighbours?

Yahoo group: Versatower
Date: 2015-04-14 12:56:27 UTC
From: Rob Harrison
Topic: 50 Message: 52

Hi John,

It was quite a surprise, the mast making a sounding board for the noise. I raise and lower the mast fairly often and on a Sunday morning it won't be appreciated. The luffing winch doesn't get much use, the odd maintenence job uptop.

They are auto braked and have noted in the blurb not to contaiminate the brake discs. These came at a bargain price, so grabbed them quickly, they were under £100 the pair.

I'll try the other reflectors as advised, thanks.

73

Bob
----- Original Message -----
From: 'John Lemay' john@... [Versatower]
To: Versatower@yahoogroups.com
Sent: Tuesday, April 14, 2015 1:44 PM
Subject: RE: [Versatower] How to stop waking the neighbours?

Hi Bob

I can't help but I'll be interested to see replies - I regard it as quite a problem. For that reason I chose Pfaff winches with a gravity pawl instead of a spring loaded ratchet. They're not silent by any means, but they are an improvement. Of course, the winch being attached to a long length of steel just seems to make the noise worse !

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It would be worth asking on the HF and VHF Contest reflectors I think.

Regards

John

From: Versatower@yahoogroups.com [mailto:Versatower@yahoogroups.com]
Sent: 14 April 2015 13:32
To: Versatower@yahoogroups.com
Subject: [Versatower] How to stop waking the neighbours?

Hi,

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Any tips on reducing this please?

73

Bob G8HGN

53. RE: [Versatower] How to stop waking the neighbours?

Yahoo group: Versatower
Date: 2015-04-14 15:43:10 UTC
From: Nick Totterdell
Topic: 50 Message: 53

Bob

I put loads of grease on the ratchet and gears ☐ either graphite grease (eBay) or copper grease (local car spares shop). I have got a couple of new winches and I have stripped these down and greased parts that were not greased by the manufacturer.

I find that brake squeal on the K2550 on lowering the tower is far more of a problem than ratchet clatter and the squeal changes with humidity and temperature ☐ the squeal would wake your entire street I am sure. Some suggest squirting WD40 on the brake disks to prevent this

73 G4FAL (M3W)
Nick Totterdell

mailto:nick@totterdell.co.uk

Moscar Cross House

Hollow Meadows

SHEFFIELD

S6 6GL

UK
Tel: +44 (0)114 230 6766

Mob: +44 (0)7836 331 372

From: Versatower@yahoogroups.com [mailto:Versatower@yahoogroups.com]
Sent: 14 April 2015 13:56
To: Versatower@yahoogroups.com
Subject: Re: [Versatower] How to stop waking the neighbours?

Hi John,

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They are auto braked and have noted in the blurb not to contaiminate the brake discs. These came at a bargain price, so grabbed them quickly, they were under £100 the pair.

I'll try the other reflectors as advised, thanks.

73

Bob

----- Original Message -----

From: 'John Lemay' john@....co.uk [Versatower]
<mailto:john@...%20[Versatower]>

To: Versatower@yahoogroups.com

Sent: Tuesday, April 14, 2015 1:44 PM

Subject: RE: [Versatower] How to stop waking the neighbours?

Hi Bob

I can□t help but I□ll be interested to see replies □ I regard it as quite a problem. For that reason I chose Pfaff winches with a gravity pawl instead of a spring loaded ratchet. They□re not silent by any means, but they are an improvement. Of course, the winch being attached to a long length of steel just seems to make the noise worse !

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It would be worth asking on the HF and VHF Contest reflectors I think.

Regards

John

From: Versatower@yahoogroups.com [mailto:Versatower@yahoogroups.com]
Sent: 14 April 2015 13:32
To: Versatower@yahoogroups.com
Subject: [Versatower] How to stop waking the neighbours?

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Any tips on reducing this please?

73

Bob G8HGN

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4800 / Virus Database: 4311/9533 - Release Date: 04/14/15

54. RE: [Versatower] How to stop waking the neighbours?

Yahoo group: Versatower
Date: 2015-04-14 16:03:36 UTC
From: John Lemay
Topic: 50 Message: 54

Hmmm, some brake discs are a fibre composition ☐ I☐m sure that WD40 would be a Bad Idea !

John G4ZTR

From: Versatower@yahoogroups.com [mailto:Versatower@yahoogroups.com]
Sent: 14 April 2015 16:43
To: Versatower@yahoogroups.com
Subject: RE: [Versatower] How to stop waking the neighbours?

Bob

I put loads of grease on the ratchet and gears ☐ either graphite grease (eBay) or copper grease (local car spares shop). I have got a couple of new winches and I have stripped these down and greased parts that were not greased by the manufacturer.

I find that brake squeal on the K2550 on lowering the tower is far more of a problem than ratchet clatter and the squeal changes with humidity and temperature ☐ the squeal would wake your entire street I am sure. Some suggest squirting WD40 on the brake disks to prevent this

73 G4FAL (M3W)
Nick Totterdell

mailto:nick@...

Moscar Cross House

Hollow Meadows

SHEFFIELD

S6 6GL

UK
Tel: +44 (0)114 230 6766

Mob: +44 (0)7836 331 372

From: Versatower@yahoogroups.com [mailto:Versatower@yahoogroups.com]
Sent: 14 April 2015 13:56
To: Versatower@yahoogroups.com
Subject: Re: [Versatower] How to stop waking the neighbours?

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They are auto braked and have noted in the blurb not to contaiminate the brake discs. These came at a bargain price, so grabbed them quickly, they were under £100 the pair.

I'll try the other reflectors as advised, thanks.

73

Bob

----- Original Message -----

From: 'John Lemay' john@carltonhouse.eclipse.co.uk
<mailto:john@...%20%5bVersatower%5d> [Versatower]

To: Versatower@yahoogroups.com

Sent: Tuesday, April 14, 2015 1:44 PM

Subject: RE: [Versatower] How to stop waking the neighbours?

Hi Bob

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John

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Bob G8HGN

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4800 / Virus Database: 4311/9533 - Release Date: 04/14/15

55. RE: [Versatower] How to stop waking the neighbours?

Yahoo group: Versatower
Date: 2015-04-14 16:04:45 UTC
From: mw1lcr@elsasystems.co.uk
Topic: 50 Message: 55

Ahem....

"Some suggest squirting WD40 on the brake disks to prevent this..."

May also result in the neighbours being woken up... in this case by the sound of Ambulances & Blue lights !

My safety and those of my neighbours is more important than their 40 winks !

Anyway, how's things Nick ? I've got the shack & everything else mostly sorted now, tower 3 & 4 going in in May.

Adrian
MW1LCR / GW9X

Original email:

From: Nick Totterdell' nick@... [Versatower]
Versatower@yahoogroups.com
Date: Tue, 14 Apr 2015 16:43:10 +0100
To: Versatower@yahoogroups.com
Subject: RE: [Versatower] How to stop waking the neighbours?

Bob

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73 G4FAL (M3W)
Nick Totterdell

mailto:nick@...

Moscar Cross House

Hollow Meadows

SHEFFIELD

S6 6GL

UK
Tel: +44 (0)114 230 6766

Mob: +44 (0)7836 331 372

From: Versatower@yahoogroups.com [mailto:Versatower@yahoogroups.com]
Sent: 14 April 2015 13:56
To: Versatower@yahoogroups.com
Subject: Re: [Versatower] How to stop waking the neighbours?

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<mailto:john@...%20[Versatower]>

To: Versatower@yahoogroups.com

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John

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Sent: 14 April 2015 13:32
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Subject: [Versatower] How to stop waking the neighbours?

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Bob G8HGN

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4800 / Virus Database: 4311/9533 - Release Date: 04/14/15

---
mail2web.com What can On Demand Business Solutions do for you?
http://link.mail2web.com/Business/SharePoint

56. Re: [Versatower] How to stop waking the neighbours?

Yahoo group: Versatower
Date: 2015-04-14 16:40:09 UTC
From: Rob Harrison
Topic: 50 Message: 56

Mmmmm, Freeserve seem to have a grudge against Yahoo mail from certain groups today. Found loads in the spam folder again. So sorry if I missed any comments.

WD40 and brakes, doesn't sound a good idea. The discs aren't squealing, yet, so that's a bonus.

The problem with grease is the ratchet/pawl are directly above the discs ,so any that seeps down WILL find it's way to them.

I'll persue the non-metallic stick idea.

Thanks,

Bob G8HGN

----- Original Message -----
From: 'John Lemay' john@....co.uk [Versatower]
To: Versatower@yahoogroups.com
Sent: Tuesday, April 14, 2015 5:03 PM
Subject: RE: [Versatower] How to stop waking the neighbours?

Hmmm, some brake discs are a fibre composition - I'm sure that WD40 would be a Bad Idea !

John G4ZTR

From: Versatower@yahoogroups.com [mailto:Versatower@yahoogroups.com]
Sent: 14 April 2015 16:43
To: Versatower@yahoogroups.com
Subject: RE: [Versatower] How to stop waking the neighbours?

Bob

I put loads of grease on the ratchet and gears - either graphite grease (eBay) or copper grease (local car spares shop). I have got a couple of new winches and I have stripped these down and greased parts that were not greased by the manufacturer.

I find that brake squeal on the K2550 on lowering the tower is far more of a problem than ratchet clatter and the squeal changes with humidity and temperature - the squeal would wake your entire street I am sure. Some suggest squirting WD40 on the brake disks to prevent this

73 G4FAL (M3W)
Nick Totterdell

mailto:nick@...

Moscar Cross House

Hollow Meadows

SHEFFIELD

S6 6GL

UK
Tel: +44 (0)114 230 6766

Mob: +44 (0)7836 331 372

From: Versatower@yahoogroups.com [mailto:Versatower@yahoogroups.com]
Sent: 14 April 2015 13:56
To: Versatower@yahoogroups.com
Subject: Re: [Versatower] How to stop waking the neighbours?

Hi John,

It was quite a surprise, the mast making a sounding board for the noise. I raise and lower the mast fairly often and on a Sunday morning it won't be appreciated. The luffing winch doesn't get much use, the odd maintenence job uptop.

They are auto braked and have noted in the blurb not to contaiminate the brake discs. These came at a bargain price, so grabbed them quickly, they were under £100 the pair.

I'll try the other reflectors as advised, thanks.

73

Bob

----- Original Message -----

From: 'John Lemay' john@...ipse.co.uk [Versatower]

To: Versatower@yahoogroups.com

Sent: Tuesday, April 14, 2015 1:44 PM

Subject: RE: [Versatower] How to stop waking the neighbours?

Hi Bob

I can't help but I'll be interested to see replies - I regard it as quite a problem. For that reason I chose Pfaff winches with a gravity pawl instead of a spring loaded ratchet. They're not silent by any means, but they are an improvement. Of course, the winch being attached to a long length of steel just seems to make the noise worse !

My inclination in your case would be to smother everything that moves in the heaviest grease that you can find. But, importantly, if you have a friction clutch that must remain contaminant free.

It would be worth asking on the HF and VHF Contest reflectors I think.

Regards

John

From: Versatower@yahoogroups.com [mailto:Versatower@yahoogroups.com]
Sent: 14 April 2015 13:32
To: Versatower@yahoogroups.com
Subject: [Versatower] How to stop waking the neighbours?

Hi,

Just fitted the first of 2 Fulton winches, no problems there. However the ratchet system is really loud and due to the mast being raised and lowered quite frequently this could become a problem with the neighbours.

Any tips on reducing this please?

73

Bob G8HGN

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4800 / Virus Database: 4311/9533 - Release Date: 04/14/15

57. New to group question

Yahoo group: Versatower
Date: 2016-04-07 16:38:03 UTC
From: ve7pke@...
Topic: 57 Message: 57

I have a question to everyone over the pond.
Does anyone have any details on how Tennamast keeps the round section from rotating in the rectangular mast on the 12M standard mast.
I am thinking of replicating the design for personal use. Looking for a 12M (5 or 6" square foot wind loading) tilt over crank up and not finding anything used on the west coast of North America.
For my needs it looks like a great design. But you folks are the experts.
I expect I will fall off my chair when Tennamast gives me price with carriage ;-)

Thanks
Dave
VE7HR

58. Re: [Versatower] New to group question

Yahoo group: Versatower
Date: 2016-04-07 16:59:04 UTC
From: Darren Collins (G0TSM)
Topic: 57 Message: 58

I had a my own homebrew version in 1989 which had two 3" slots cut in the bottom of the round tube and a piece of steel plate welded in which protruded from each side of the round tube to stop the rotation. The winch cable entered the tube through another slot about 2 or 3ft from the bottom and then was bolted to the steel plate at the bottom. A very simple and cheap mast to built if you have access to the right size tubing and square section. You could always weld some small steel angle to make the round section 'square' at the bottom but you'd still need some method of connecting the winch cable.

73 Darren G0TSM

On 07/04/2016 17:38, ve7pke@... [Versatower] wrote:
>
> I have a question to everyone over the pond.
> Does anyone have any details on how Tennamast keeps the round section
> from rotating in the rectangular mast on the 12M standard mast.
> I am thinking of replicating the design for personal use. Looking for
> a 12M (5 or 6" square foot wind loading) tilt over crank up and not
> finding anything used on the west coast of North America.
> For my needs it looks like a great design. But you folks are the experts.
> I expect I will fall off my chair when Tennamast gives me price with
> carriage ;-)
>
> Thanks
> Dave
> VE7HR
>
>
>

59. Re: [Versatower] New to group question

Yahoo group: Versatower
Date: 2016-04-07 17:35:52 UTC
From: ve7pke@...
Topic: 57 Message: 59

Thanks Darren,
That is a good idea.
I shall add that to the mix.
Hoping there is a Tennatower owner lurking. ;-)
Dave
VE7HR

---In Versatower@yahoogroups.com, <daz@...> wrote :

I had a my own homebrew version in 1989 which had two 3" slots cut in the bottom of the round tube and a piece of steel plate welded in which protruded from each side of the round tube to stop the rotation. The winch cable entered the tube through another slot about 2 or 3ft from the bottom and then was bolted to the steel plate at the bottom. A very simple and cheap mast to built if you have access to the right size tubing and square section. You could always weld some small steel angle to make the round section 'square' at the bottom but you'd still need some method of connecting the winch cable.

73 Darren G0TSM

On 07/04/2016 17:38, ve7pke@... mailto:ve7pke@... [Versatower] wrote:

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For my needs it looks like a great design. But you folks are the experts.
I expect I will fall off my chair when Tennamast gives me price with carriage ;-)

Thanks
Dave
VE7HR

60. Re: New to group question

Yahoo group: Versatower
Date: 2016-04-08 07:41:48 UTC
From: Ffive VHN
Topic: 57 Message: 60

Hi,
If you do not get a reply here, I'll cross post your message to the CDXC (uk) group. A VERY active band of UK (and overseas) DXers.
Have a look at cdxc.org.uk Best 73 Robert F5VHN

61. Revamping steel ropes on a P40 circa 1973

Yahoo group: Versatower
Date: 2016-05-04 12:10:02 UTC
From: Rob Harrison
Topic: 61 Message: 61

Hi,

I'm about to change the steel ropes on the tower. I've done it once, but this time I want to uprate the steel ropes but am not sure about sizes. I think the originals are 4mm for hoisting and 5mm for luffing, but I'd like to go to 5mm and 6mm respectively as a safety margin. Can that be done, do the pullies take a bigger diameter rope? Where do you get your replacements?

The stub mast is a steel scaffold pole and carries antennas for 70cms, 2M and 6M, all have 6 metre booms plus cabling, all adding weight at the wrong end.

Has anyone considered or use a counter weight? If so how is that impletented or is it not advisable.

Please your thoughs/recommendations, thanks.

73

Bob G8HGN

62. Re: [Versatower] Revamping steel ropes on a P40 circa 1973

Yahoo group: Versatower
Date: 2016-05-04 18:20:07 UTC
From: m5jon
Topic: 61 Message: 62

Hi Bob I refurbed a HD BP60 recently and upgrade the cables to 6mm lifting and 8mm luffing. I believe that is the max you can upgrade to avoid snagging and cable jumping the pulleys. Also the hole and guide though the base post only just takes a 8mm cable. You should have no problems with 5 & 6mm cables. Check out qsl.net/gm3woj/latticetower.htm Lots of useful info on Chris's site he used to sell spares and make up cables. Not sure if he still does but worth sending him a email. Hope this helps Cheers John M5JON Sent from Samsung Mobile
-------- Original message --------
From: "'Rob Harrison' robharrison@g8hgn.freeserve.co.uk [Versatower]"
Date:04/05/2016 13:10 (GMT+00:00)
To: Versatower@yahoogroups.com
Subject: [Versatower] Revamping steel ropes on a P40 circa 1973

Hi, I'm about to change the steel ropes on the tower. I've done it once, but this time I want to uprate the steel ropes but am not sure about sizes. I think the originals are 4mm for hoisting and 5mm for luffing, but I'd like to go to 5mm and 6mm respectively as a safety margin. Can that be done, do the pullies take a bigger diameter rope? Where do you get your replacements? The stub mast is a steel scaffold pole and carries antennas for 70cms, 2M and 6M, all have 6 metre booms plus cabling, all adding weight at the wrong end. Has anyone considered or use a counter weight? If so how is that impletented or is it not advisable. Please your thoughs/recommendations, thanks. 73 Bob G8HGN

63. Re: [Versatower] Revamping steel ropes on a P40 circa 1973

Yahoo group: Versatower
Date: 2016-05-04 18:34:50 UTC
From: m5jon
Topic: 61 Message: 63

Hi Bob Forgot to say Radio Structures in Nothhampton and good for parts and cables tel 01604 790005 Cheers John M5JON Sent from Samsung Mobile
-------- Original message --------
From: "m5jon m5jon@btinternet.com [Versatower]"
Date:04/05/2016 19:20 (GMT+00:00)
To: Versatower@yahoogroups.com
Subject: Re: [Versatower] Revamping steel ropes on a P40 circa 1973

Hi Bob I refurbed a HD BP60 recently and upgrade the cables to 6mm lifting and 8mm luffing. I believe that is the max you can upgrade to avoid snagging and cable jumping the pulleys. Also the hole and guide though the base post only just takes a 8mm cable. You should have no problems with 5 & 6mm cables. Check out qsl.net/gm3woj/latticetower.htm Lots of useful info on Chris's site he used to sell spares and make up cables. Not sure if he still does but worth sending him a email. Hope this helps Cheers John M5JON Sent from Samsung Mobile -------- Original message -------- From: "'Rob Harrison' robharrison@g8hgn.freeserve.co.uk [Versatower]" Date:04/05/2016 13:10 (GMT+00:00) To: Versatower@yahoogroups.com Subject: [Versatower] Revamping steel ropes on a P40 circa 1973 Hi, I'm about to change the steel ropes on the tower. I've done it once, but this time I want to uprate the steel ropes but am not sure about sizes. I think the originals are 4mm for hoisting and 5mm for luffing, but I'd like to go to 5mm and 6mm respectively as a safety margin. Can that be done, do the pullies take a bigger diameter rope? Where do you get your replacements? The stub mast is a steel scaffold pole and carries antennas for 70cms, 2M and 6M, all have 6 metre booms plus cabling, all adding weight at the wrong end. Has anyone considered or use a counter weight? If so how is that impletented or is it not advisable. Please your thoughs/recommendations, thanks. 73 Bob G8HGN

64. Re: [Versatower] Revamping steel ropes on a P40 circa 1973

Yahoo group: Versatower
Date: 2016-05-04 18:43:00 UTC
From: Rob Harrison
Topic: 61 Message: 64

Hi John,

Thanks for the info regarding the cable sizes and the telephone number.

I've seen the 'WOJ website previously, much good info' on there.

Just wanted a few pointers from the wise people on here.

73

Bob G8HGN

----- Original Message -----
From: m5jon m5jon@... [Versatower]
To: Versatower@yahoogroups.com
Sent: Wednesday, May 04, 2016 7:34 PM
Subject: Re: [Versatower] Revamping steel ropes on a P40 circa 1973

Hi Bob

Forgot to say Radio Structures in Nothhampton and good for parts and cables tel 01604 790005

Cheers
John
M5JON

Sent from Samsung Mobile

-------- Original message --------
From: "m5jon m5jon@... [Versatower]"
Date:04/05/2016 19:20 (GMT+00:00)
To: Versatower@yahoogroups.com
Subject: Re: [Versatower] Revamping steel ropes on a P40 circa 1973

Hi Bob

I refurbed a HD BP60 recently and upgrade the cables to 6mm lifting and 8mm luffing. I believe that is the max you can upgrade to avoid snagging and cable jumping the pulleys. Also the hole and guide though the base post only just takes a 8mm cable. You should have no problems with 5 & 6mm cables.

Check out

qsl.net/gm3woj/latticetower.htm

Lots of useful info on Chris's site he used to sell spares and make up cables. Not sure if he still does but worth sending him a email.

Hope this helps

Cheers
John
M5JON

Sent from Samsung Mobile

-------- Original message --------
From: "'Rob Harrison' robharrison@... [Versatower]"
Date:04/05/2016 13:10 (GMT+00:00)
To: Versatower@yahoogroups.com
Subject: [Versatower] Revamping steel ropes on a P40 circa 1973

Hi,

I'm about to change the steel ropes on the tower. I've done it once, but this time I want to uprate the steel ropes but am not sure about sizes. I think the originals are 4mm for hoisting and 5mm for luffing, but I'd like to go to 5mm and 6mm respectively as a safety margin. Can that be done, do the pullies take a bigger diameter rope? Where do you get your replacements?

The stub mast is a steel scaffold pole and carries antennas for 70cms, 2M and 6M, all have 6 metre booms plus cabling, all adding weight at the wrong end.

Has anyone considered or use a counter weight? If so how is that impletented or is it not advisable.

Please your thoughs/recommendations, thanks.

73

Bob G8HGN

65. RE: [Versatower] Revamping steel ropes on a P40 circa 1973

Yahoo group: Versatower
Date: 2016-05-05 07:01:15 UTC
From: John Lemay
Topic: 61 Message: 65

Bob

There's a minor down-side to using larger cables;- it means the drum will fill up a little quicker, thus requiring more effort per turn. It's pretty marginal, but worth mentioning since you also enquired about a counter-weight.

Talking of which, I'm sure that G4HUP looked into this, but I don't see it on his web pages. May be worth an email.

Regards

John G4ZTR

From: Versatower@yahoogroups.com [mailto:Versatower@yahoogroups.com]
Sent: 04 May 2016 13:10
To: Versatower@yahoogroups.com
Subject: [Versatower] Revamping steel ropes on a P40 circa 1973

Hi,

I'm about to change the steel ropes on the tower. I've done it once, but this time I want to uprate the steel ropes but am not sure about sizes. I think the originals are 4mm for hoisting and 5mm for luffing, but I'd like to go to 5mm and 6mm respectively as a safety margin. Can that be done, do the pullies take a bigger diameter rope? Where do you get your replacements?

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Has anyone considered or use a counter weight? If so how is that impletented or is it not advisable.

Please your thoughs/recommendations, thanks.

73

Bob G8HGN

66. RE: [Versatower] Revamping steel ropes on a P40 circa 1973

Yahoo group: Versatower
Date: 2016-05-05 07:11:26 UTC
From: Ian White
Topic: 61 Message: 66

'Stresses in Cables when Raising or Lowering a Tower'
<www.g4hup.com/G4HUP%20EME2012.pdf>

73 from Ian GM3SEK

>-----Original Message-----
>From: Versatower@yahoogroups.com
>[mailto:Versatower@yahoogroups.com]
>Sent: 05 May 2016 08:01
>To: Versatower@yahoogroups.com
>Subject: RE: [Versatower] Revamping steel ropes on a P40 circa 1973
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>Bob
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>There's a minor down-side to using larger cables;- it means the drum
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>Regards
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>John G4ZTR
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>_____
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>From: Versatower@yahoogroups.com
>[mailto:Versatower@yahoogroups.com]
>Sent: 04 May 2016 13:10

>To: Versatower@yahoogroups.com
>Subject: [Versatower] Revamping steel ropes on a P40 circa 1973
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>Bob G8HGN
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67. FW: [Versatower] Revamping steel ropes on a P40 circa 1973

Yahoo group: Versatower
Date: 2016-05-05 18:48:04 UTC
From: John
Topic: 61 Message: 67
Attachments: 1 described; binary payloads are missing from this source WARC

Bob

That is a good point that John makes. Do not over load your winches ensure that they are rated for the size of rope you are upgrading to and the weight you are lifting and do not over layer the drum with to much cable.

When I refurbed my tower I also changed the winches to Fulton K2550’s that take a max 8mm cable at 4 layers

Regards

John
M5JON

From: 'Ian White' gm3sek@... [Versatower]
Sent: 05 May 2016 08:11
To: Versatower@yahoogroups.com
Subject: RE: [Versatower] Revamping steel ropes on a P40 circa 1973

'Stresses in Cables when Raising or Lowering a Tower'
<www.g4hup.com/G4HUP%20EME2012.pdf>

73 from Ian GM3SEK

>-----Original Message-----
>From: Versatower@yahoogroups.com
>[mailto:Versatower@yahoogroups.com]
>Sent: 05 May 2016 08:01
>To: Versatower@yahoogroups.com
>Subject: RE: [Versatower] Revamping steel ropes on a P40 circa 1973
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>Bob
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>John G4ZTR
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>From: Versatower@yahoogroups.com
>[mailto:Versatower@yahoogroups.com]
>Sent: 04 May 2016 13:10
>To: Versatower@yahoogroups.com
>Subject: [Versatower] Revamping steel ropes on a P40 circa 1973
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>Please your thoughs/recommendations, thanks.
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>73
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>
>Bob G8HGN
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68. Re: [Versatower] Revamping steel ropes on a P40 circa 1973

Yahoo group: Versatower
Date: 2016-05-05 08:49:27 UTC
From: Rob Harrison
Topic: 61 Message: 68

Hi Ian and all,

Thanks for the link, highly enlightening!

Thanks to the others who responded, and any that may yet have info' on cable suppliers.

I've got the winches, and have changed the lifting one already, as this was the easiest to do. But want to upgrade the luffing cable before doing the other, and then replace the lifting one after.

73

Bob G8HGN
----- Original Message -----
From: 'Ian White' gm3sek@... [Versatower]
To: Versatower@yahoogroups.com
Sent: Thursday, May 05, 2016 8:11 AM
Subject: RE: [Versatower] Revamping steel ropes on a P40 circa 1973

'Stresses in Cables when Raising or Lowering a Tower'
<www.g4hup.com/G4HUP%20EME2012.pdf>

73 from Ian GM3SEK

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>[mailto:Versatower@yahoogroups.com]
>Sent: 05 May 2016 08:01
>To: Versatower@yahoogroups.com
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>John G4ZTR
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>From: Versatower@yahoogroups.com
>[mailto:Versatower@yahoogroups.com]
>Sent: 04 May 2016 13:10
>To: Versatower@yahoogroups.com
>Subject: [Versatower] Revamping steel ropes on a P40 circa 1973
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>Bob G8HGN
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69. Re: [Versatower] Revamping steel ropes on a P40 circa 1973 [1 Attachment]

Yahoo group: Versatower
Date: 2016-05-06 11:03:24 UTC
From: Rob Harrison
Topic: 61 Message: 69

Hi John,

K2550's are what I've got as replacements.

73

Bob
----- Original Message -----
From: John m5jon@... [Versatower]
To: versatower@yahoogroups.com
Sent: Thursday, May 05, 2016 7:48 PM
Subject: FW: [Versatower] Revamping steel ropes on a P40 circa 1973 [1 Attachment]

Bob

That is a good point that John makes. Do not over load your winches ensure that they are rated for the size of rope you are upgrading to and the weight you are lifting and do not over layer the drum with to much cable.

When I refurbed my tower I also changed the winches to Fulton K2550’s that take a max 8mm cable at 4 layers

Regards

John
M5JON

From: 'Ian White' gm3sek@... [Versatower]
Sent: 05 May 2016 08:11
To: Versatower@yahoogroups.com
Subject: RE: [Versatower] Revamping steel ropes on a P40 circa 1973

'Stresses in Cables when Raising or Lowering a Tower'
<www.g4hup.com/G4HUP%20EME2012.pdf>

73 from Ian GM3SEK

>-----Original Message-----
>From: Versatower@yahoogroups.com
>[mailto:Versatower@yahoogroups.com]
>Sent: 05 May 2016 08:01
>To: Versatower@yahoogroups.com
>Subject: RE: [Versatower] Revamping steel ropes on a P40 circa 1973
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>John G4ZTR
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>From: Versatower@yahoogroups.com
>[mailto:Versatower@yahoogroups.com]
>Sent: 04 May 2016 13:10
>To: Versatower@yahoogroups.com
>Subject: [Versatower] Revamping steel ropes on a P40 circa 1973
>
>
>
>
>
>Hi,
>
>
>
>I'm about to change the steel ropes on the tower. I've done it once,
but this
>time I want to uprate the steel ropes but am not sure about sizes. I
think the
>originals are 4mm for hoisting and 5mm for luffing, but I'd like to go
to 5mm
>and 6mm respectively as a safety margin. Can that be done, do the
pullies
>take a bigger diameter rope? Where do you get your replacements?
>

>
>
>The stub mast is a steel scaffold pole and carries antennas for 70cms,
2M
>and 6M, all have 6 metre booms plus cabling, all adding weight at the
>wrong end.
>
>
>
>Has anyone considered or use a counter weight? If so how is that
>impletented or is it not advisable.
>
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>
>Please your thoughs/recommendations, thanks.
>
>
>
>73
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>
>
>Bob G8HGN
>
>
>
>

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70. 12m Tennamast

Yahoo group: Versatower
Date: 2016-05-12 21:31:51 UTC
From: John
Topic: 70 Message: 70

Hi All

Has anyone got any info/drawings for a 12m Tennamast as helping out a friend with a planning application.

Thanks in advance.

Regards

John
M5JON

71. Re: [Versatower] 12m Tennamast

Yahoo group: Versatower
Date: 2016-05-12 21:37:33 UTC
From: Dave Miller
Topic: 70 Message: 71

The website has lots of details. Tubing sizes etc.
If some one has more details I would love a copy as well.
Wish they sold them in Canada.
Dave
VE7HR.

Sent from my iPhone

> On May 12, 2016, at 2:31 PM, John m5jon@btinternet.com [Versatower]
<Versatower@yahoogroups.com> wrote:
>
> Hi All
>
>
>
> Has anyone got any info/drawings for a 12m Tennamast as helping out a friend with a
planning application.
>
>
>
> Thanks in advance.
>
>
>
> Regards
>
> John
> M5JON
>
>
>
>
>

72. Guying 18m Versatower

Yahoo group: Versatower
Date: 2016-07-07 17:21:35 UTC
From: m5jon
Topic: 72 Message: 72

Hi All

I'm looking to guy my 18m Versatower and believe that 12m from the base of the tower to the anchor points the correct distance (correct me if I'm wrong as lots of conflicting info out there on the subject)

But I am only able to get 10m in one direction (not the boy band lol) due to the boundary of my property.

My question is do I now do all 3 at 10m distance or 2 at 12m and the 3rd at 10m.

If it makes any difference the 10m one would be on the rear leg as you look at it and is into the wind.

Thanks in advance.
John
M5JON

Sent from Samsung Mobile

73. Re: [Versatower] Guying 18m Versatower

Yahoo group: Versatower
Date: 2016-07-07 20:17:06 UTC
From: Derek Moffatt
Topic: 72 Message: 73

John,
1 x 10 & 2 x 12.
Make the guy bottoms proof against furry little teeth and hedge shears etc. Over concrete (or calculate) the guy anchor blocks so as to be safe rather than sorry.
Tighten the guys up so that if 2 adults start heaving in unison on any guy (when the mast fully up) they can't manage to set up a serious rocking motion at the top, movement yes, but rocking back and forth no. Use bottle screws to get the tension right, and when adjusted lock them with wire.
Do not exceed the tower load ratings just because it is guyed, the lifting ropes end up carrying part of the down force, so stay within published load figures.
Set the anchor steelwork into the concrete with a backwards lean away from the mast.
Don't do your back in mixing the anchor concrete.
73 Derek G3RAU
p.s. remember various other Caroline masts have had a nasty end due to lack of maintenance.....HI

-----Original Message-----
From: m5jon m5jon@... [Versatower] <Versatower@yahoogroups.com>
To: versatower <versatower@yahoogroups.com>
Sent: Thu, 7 Jul 2016 18:21
Subject: [Versatower] Guying 18m Versatower

Hi All

I'm looking to guy my 18m Versatower and believe that 12m from the base of the tower to the anchor points the correct distance (correct me if I'm wrong as lots of conflicting info out there on the subject)

But I am only able to get 10m in one direction (not the boy band lol) due to the boundary of my property.

My question is do I now do all 3 at 10m distance or 2 at 12m and the 3rd at 10m.

If it makes any difference the 10m one would be on the rear leg as you look at it and is into the wind.

Thanks in advance.
John
M5JON

Sent from Samsung Mobile

74. New file uploaded to Versatower

Yahoo group: Versatower
Date: 2016-07-07 20:34:48 UTC
From: Versatower@yahoogroups.com
Topic: 74 Message: 74

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Versatower
group.

File : /8482a GA drawing.pdf
Uploaded by : g4fal <nick@...>
Description : General Arrangement Drawing of 30m Versatower Trailer Tower

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/Versatower/files/8482a%20GA%20drawing.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

g4fal <nick@...>

75. RE: [Versatower] Guying 18m Versatower

Yahoo group: Versatower
Date: 2016-07-07 20:48:34 UTC
From: Nick Totterdell
Topic: 72 Message: 75

I have just uploaded a drawing of a 30m mobile versatower. Recommended guying radius is half the height - 15m.

For an 18m tower - 9m is therefore the recommended guying radius.

Personally I am guying an 18m versatower at all three heights using 5mm 7x7 galvanised steel wire with three guying stakes each 9m from the tower. For the guy stakes I am using 20mm galvanised rebar loops each set in about 1 T of concrete. This is using 12mm stainless D shackles and 10mm stainless rigging screws from Mainco wire ropes. I have a hydraulic crimp tool with dies for 5mm aluminium ferrules (with stainless thimbles). I will add a loop of 5mm wire to protect against failure of the rigging screws. The tower is not going anywhere.

Winch wire are 8mm 7x19 galvanised steel wire for the bottom section and luffing winch and 6mm 7x19 for the top section. Winches are Fulton k1550s.

73 G4FAL (M3W)
Nick Totterdell

mailto:nick@...

Moscar Cross House

Hollow Meadows

SHEFFIELD

S6 6GL

UK
Tel: +44 (0)114 230 6766

Mob: +44 (0)7836 331 372

76. Re: [Versatower] Guying 18m Versatower

Yahoo group: Versatower
Date: 2016-07-07 21:21:59 UTC
From: Derek Moffatt
Topic: 72 Message: 76

The basic prIncipal is this John:
A guy running vertically down the side of the mast is quite useless.
A theoretical guy running out horizontally from the mast top (Visualise it) is perfect, the mast does not feel the windage of the headload.

Pro rata in between is a mathematical function.
In areas where the winds are serious, and the cost of failure is unacceptable, guy out to the height of the mast
as with some big TV masts etc..
As a general UK rule of thumb guy out to 1/2 or 2/3 of the height depending on cost/risk analysis.
At the other extreme, in back garden sheltered locations, maybe push your luck and guy closer in if the risk is acceptable.
Nick lives on a windy hilltop and is very right to apply belt and braces...HI
Above are the basics of handling just headload wind, the subject of wind load on the mast itself and the down forces from guying is more complex,
so either over engineer, or calculate, or use an on line calculator e.g. visit the Mastrant web site and it will do the maths and design for you.
It will even handle your situation if you feed in your dimensions correctly.
73 Derek G3RAU

lots of conflicting info out there on the subject

-----Original Message-----
From: m5jon m5jon@... [Versatower] <Versatower@yahoogroups.com>
To: versatower <versatower@yahoogroups.com>
Sent: Thu, 7 Jul 2016 18:21
Subject: [Versatower] Guying 18m Versatower

Hi All

I'm looking to guy my 18m Versatower and believe that 12m from the base of the tower to the anchor points the correct distance (correct me if I'm wrong as lots of conflicting info out there on the subject)

But I am only able to get 10m in one direction (not the boy band lol) due to the boundary of my property.

My question is do I now do all 3 at 10m distance or 2 at 12m and the 3rd at 10m.

If it makes any difference the 10m one would be on the rear leg as you look at it and is into the wind.

Thanks in advance.
John
M5JON

Sent from Samsung Mobile

77. Re: [Versatower] Guying 18m Versatower

Yahoo group: Versatower
Date: 2016-07-08 07:34:02 UTC
From: Adrian Rees (MW1LCR)
Topic: 72 Message: 77

I agree with all Derek says, the 120 degrees between the guys is more important than the 2 metre difference, in this case.

FWIW I use a length of metal chain between the bottle screw and guy stake. Each chain is about a metre in length.At the moment some of my guy ropes are Phiilistran, some steel, some plastic covered steel. I intend to replace all the plastic covered and steel guy ropes with Phillistran (or similar) eventually, and the chain raises the Phillistran above the ground. Sheep are the biggest problem for me, as they seem to try every way possible to commit suicide....chewing guy ropes, CoAx, cables in general are their favourites. I have experimented and found that grease mixed with Chilli powder does put them off.

I used 1 metre lengths of T section steel set in concrete to a depth of 80cm as guy stakes, a D Shackle and chain to the bottle screws and guy ropes.

Each hole for the guy stakes is 50cm by 50cm by 1 metre, filled with concrete. I have 4 sets of guys (its a M100 tower without its top section so 4 sections) with two guys to a stake, 6 in total.

I have a copy of a Versatower manual, if you get really stuck I can email it out.

Regards

Adrian MW1LCR

On 07/07/2016 21:17, Derek Moffatt g3rau@... [Versatower] wrote:
>
> John, 1 x 10 & 2 x 12. Make the guy bottoms proof against furry
> little teeth and hedge shears etc. Over concrete (or calculate) the
> guy anchor blocks so as to be safe rather than sorry. Tighten the
> guys up so that if 2 adults start heaving in unison on any guy (when
> the mast fully up) they can't manage to set up a serious rocking
> motion at the top, movement yes, but rocking back and forth no. Use
> bottle screws to get the tension right, and when adjusted lock them
> with wire. Do not exceed the tower load ratings just because it is
> guyed, the lifting ropes end up carrying part of the down force, so
> stay within published load figures. Set the anchor steelwork into the
> concrete with a backwards lean away from the mast. Don't do your
> back in mixing the anchor concrete. 73 Derek G3RAU p.s. remember
> various other Caroline masts have had a nasty end due to lack of
> maintenance.....HI
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> -----Original Message----- From: m5jon m5jon@...
> [Versatower] <Versatower@yahoogroups.com> To: versatower
> <versatower@yahoogroups.com> Sent: Thu, 7 Jul 2016 18:21 Subject:
> [Versatower] Guying 18m Versatower
>
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>
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>
>
> Hi All
>
>
> I'm looking to guy my 18m Versatower and believe that 12m from the
> base of the tower to the anchor points the correct distance (correct
> me if I'm wrong as lots of conflicting info out there on the subject
>)
>
>
> But I am only able to get 10m in one direction (not the boy band lol
>) due to the boundary of my property.
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> My question is do I now do all 3 at 10m distance or 2 at 12m and the
> 3rd at 10m.
>
>
> If it makes any difference the 10m one would be on the rear leg as
> you look at it and is into the wind.
>
>
> Thanks in advance. John M5JON
>
>
>
>
>
> Sent from Samsung Mobile
>

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78. Fwd: Re: [Versatower] Guying 18m Versatower

Yahoo group: Versatower
Date: 2016-07-08 09:04:30 UTC
From: m5jon
Topic: 78 Message: 78

Hi all Thanks for all your replies. Lots of interesting and helpful info I can actually get the full 18m distance from the tower in 2 directions but as I say only 10 on the 3rd. So sound like this is the way to go. I have gone with Mastrant P10 at all 3 sections for the guy rope. Stainless D shackles and turnbuckles. Stakes are 4ft, 150x150x6mm angle that will be concrete in. I live by the mouth on the Severn Estuary so can be a bit breezy coming up the channel. The tower is currently unguyed and starts to look a little scary with 30mph winds so want to safe gaurd it. Obviously if anything extreme is forcast it is wound down. Cheers all John M5JON Sent from Samsung Mobile
-------- Original message --------
From: "'Adrian Rees (MW1LCR)' mw1lcr@elsasystems.co.uk [Versatower]"
Date:08/07/2016 08:34 (GMT+00:00)
To: Versatower@yahoogroups.com
Subject: Re: [Versatower] Guying 18m Versatower

I agree with all Derek says, the 120 degrees between the guys is more important than the 2 metre difference, in this case. FWIW I use a length of metal chain between the bottle screw and guy stake. Each chain is about a metre in length.At the moment some of my guy ropes are Phiilistran, some steel, some plastic covered steel. I intend to replace all the plastic covered and steel guy ropes with Phillistran (or similar) eventually, and the chain raises the Phillistran above the ground. Sheep are the biggest problem for me, as they seem to try every way possible to commit suicide....chewing guy ropes, CoAx, cables in general are their favourites. I have experimented and found that grease mixed with Chilli powder does put them off. I used 1 metre lengths of T section steel set in concrete to a depth of 80cm as guy stakes, a D Shackle and chain to the bottle screws and guy ropes. Each hole for the guy stakes is 50cm by 50cm by 1 metre, filled with concrete. I have 4 sets of guys (its a M100 tower without its top section so 4 sections) with two guys to a stake, 6 in total. I have a copy of a Versatower manual, if you get really stuck I can email it out. Regards Adrian MW1LCR On 07/07/2016 21:17, Derek Moffatt g3rau@aol.com [Versatower] wrote: > > John, 1 x 10 & 2 x 12. Make the guy bottoms proof against furry > little teeth and hedge shears etc. Over concrete (or calculate) the > guy anchor blocks so as to be safe rather than sorry. Tighten the > guys up so that if 2 adults start heaving in unison on any guy (when > the mast fully up) they can't manage to set up a serious rocking > motion at the top, movement yes, but rocking back and forth no. Use > bottle screws to get the tension right, and when adjusted lock them > with wire. Do not exceed the tower load ratings just because it is > guyed, the lifting ropes end up carrying part of the down force, so > stay within published load figures. Set the anchor steelwork into the > concrete with a backwards lean away from the mast. Don't do your > back in mixing the anchor concrete. 73 Derek G3RAU p.s. remember > various other Caroline masts have had a nasty end due to lack of > maintenance.....HI > > > > > > > > > > > > > > > -----Original Message----- From: m5jon m5jon@btinternet.com > [Versatower] To: versatower > Sent: Thu, 7 Jul 2016 18:21 Subject: > [Versatower] Guying 18m Versatower > > > > > > > > Hi All > > > I'm looking to guy my 18m Versatower and believe that 12m from the > base of the tower to the anchor points the correct distance (correct > me if I'm wrong as lots of conflicting info out there on the subject >) > > > But I am only able to get 10m in one direction (not the boy band lol >) due to the boundary of my property. > > > My question is do I now do all 3 at 10m distance

or 2 at 12m and the > 3rd at 10m. > > > If it makes any difference the 10m one would be on the rear leg as > you look at it and is into the wind. > > > Thanks in advance. John M5JON > > > > > > Sent from Samsung Mobile > > > > > > >

79. 60ft Heavy duty Versatower and trailer

Yahoo group: Versatower
Date: 2017-02-06 11:39:18 UTC
From: g3tkf@...
Topic: 79 Message: 79

More details on the link but being disposed of by a Bristol based group

https://tinyurl.com/za5rfby https://tinyurl.com/za5rfby

73
Robin
G3TKF

80. Pump up on trailer

Yahoo group: Versatower
Date: 2017-02-06 11:59:13 UTC
From: alexcom22
Topic: 80 Message: 80

LEICESTER RS have a 40ft pump up on a trailer ex WD quality with side boxes etcVery reasonale priceUsed as G5UM/P G2AA etc
Buyer collects unless very local..
Contac for info contact ANY commitee member http://g3lrs.org.uk/

Alex Lister G8FCQ
-------- Original message --------From: "g3tkf@yahoo.com [Versatower]" <Versatower@yahoogroups.com> Date: 06/02/2017 11:39 (GMT+00:00) To: Versatower@yahoogroups.com Subject: [Versatower] 60ft Heavy duty Versatower and trailer

More details on the link but being disposed of by a Bristol based group

https://tinyurl.com/za5rfby

73
Robin
G3TKF

81. Head unit stuck in top section

Yahoo group: Versatower
Date: 2017-08-09 20:07:31 UTC
From: Darren Collins (G0TSM)
Topic: 81 Message: 81

Hi All,

Has anyone experience in getting a head unit leg out of a versatower top section? Two of the legs are loose but the third is stuck. These are the M20 threaded legs on the head unit which are slid down into the 10M20 section (The top section of a P60HD) and you have 3x bolts to secure the head unit to the lugs on the top tower section.

I've tried penetrating spray, heat, sledge hammer, car jack and a combination of those. All thats happening is the head unit is becoming bent.

I do have a spare head unit so I may have to chop off the two free legs to rotate the third leg but seems a shame to write off a 30 year old head unit.

The stuck head unit is an H2R and I want to use the H3R (short dumpy wide head unit) with the Yaesu G2800.

73 Darren G0TSM / M7X

82. Re: Head unit stuck in top section

Yahoo group: Versatower
Date: 2017-08-10 09:13:01 UTC
From: gm3woj@...
Topic: 81 Message: 82

Hi Darren

Interesting (tough) problem. I was going to suggest all the things you have already tried.

Have you tried refitting the 2 bolts to the 2 sides that are loose (not 100% tightening them), then using them as a sort of pivot point for the forces you are exerting on the stuck corner?

I would persevere - it took me three hours to loosen one rusted M8 bolt on the brake mechanism of a mobile tower I have been renovating recently. Add Plus Gas, try socket, wait, add more Plus Gas - eventually you see that 0.5mm movement that means things are going to be OK.

You probably are dealing with a very small gap and that third leg may have been slightly bent when it was originally inserted into the top of the tower leg, but hopefully it will surrender eventually!

73 Chris
GM3WOJ

83. Re: [Versatower] Digest Number 39

Yahoo group: Versatower
Date: 2017-08-10 09:25:10 UTC
From: Geoff Dover
Topic: 83 Message: 83

Hi Darren,

Try the heat treatment again. Get it as hot as you can without burning the galvanising off. Ideally it may need to get red hot. But this will burn off the galvanising. If you do burn off the galvanising get some Galvafroid paint to cover it.
Then when it cools sufficiently lubricate with copious amounts of penetrating fluid such as WD40.
Try to jack it out with suitable blocks of wood to apply the force where you want it and to spread the load to avoid damage to the header.
You may find that the free threaded stubs may screw out if you lock a couple of nuts onto the stub.
Then you could see if you could rotate it to free it.
Failing that I would cut the rusted in stub to release the whole header and drill out the rusty bit.
The header can easily be repaired by drilling out the old piece & inserting a new threaded piece.

Good luck & 73,
G4AFJ,
Geoff Dover

> On 10 Aug 2017, at 01:27, Versatower@yahoogroups.com wrote:
>
> may

84. Re: [Versatower] Digest Number 39

Yahoo group: Versatower
Date: 2017-08-10 20:49:41 UTC
From: Darren Collins (G0TSM)
Topic: 83 Message: 84

Chris & Geoff, Thanks for your suggestions.

I've just tilted the section and put two cans of WD40 into the section at the bottom, so hopefully it will run down and tackle the threaded bar from the inside. Something I didnt consider trying was to turn the half-nut to show some thread and then tap the headunit towards the section to see if it can break free. I've been trying to turn it to force the threaded bar out of the section.

I've also ordered a better sledge hammer which will be here tomorrow so I can have a play over the weekend. I guess I can also heat up the stuck leg and bend the headunit up pulling the freed legs out of the section. I should then be able to tap the head unit back and forth to try and rotate the stuck leg.

73 Darren G0TSM

On 10/08/17 10:25, Geoff Dover geoffrey@... [Versatower]
wrote:
>
> Hi Darren,
>
> Try the heat treatment again. Get it as hot as you can without burning
> the galvanising off. Ideally it may need to get red hot. But this will
> burn off the galvanising. If you do burn off the galvanising get some
> Galvafroid paint to cover it.
> Then when it cools sufficiently lubricate with copious amounts of
> penetrating fluid such as WD40.
> Try to jack it out with suitable blocks of wood to apply the force
> where you want it and to spread the load to avoid damage to the header.
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> couple of nuts onto the stub.
> Then you could see if you could rotate it to free it.
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> header and drill out the rusty bit.
> The header can easily be repaired by drilling out the old piece &
> inserting a new threaded piece.
>
> Good luck & 73,
> G4AFJ,
> Geoff Dover
>
> > On 10 Aug 2017, at 01:27, Versatower@yahoogroups.com wrote:
> >
> > may
>

>

85. Versatower Head Unit

Yahoo group: Versatower
Date: 2017-11-07 08:11:29 UTC
From: Adrian Rees (MW1LCR)
Topic: 85 Message: 85

Hi all

I have a custom built copy of the largest Versatower head unit for sale.

This particular unit has been drilled to take a PST-71 ProSisTel rotator
& thrust bearing.

Heavily galvanised with stainless steel fittings.

£275 ONO

Can be collected from North Wales, Hereford or Milton Keynes.

Adrian MW1LCR